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(54) Title: COMPLEX MIXTURES EXHIBITING SELECTIVE INHIBITION OF CYCLOOXYGENASE-2

(57) Abstract: A novel formulation is provided that serves to specifically inhibit the COX-2 mediated inflammatory response in animals. The formulation comprises comprising an effective amount of component I selected from the group consisting of alpha acids and beta acids and an effective amount of at least one component II selected from the group consisting of alpha acids, beta acids, essential oils, fats and waxes, with the proviso that component I and II are not the same compound. The composition provides specific inhibition of cyclooxygenase-2 with little or no effect on cyclooxygenase-1.



## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/19617

A. CLASSIFICATION OF SUBJECT MATTER  IPC(7) : A61K 35/78 US CL : 424/725			
According to International Patent Classification (IPC) or to both national classification and IPC  B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) U.S.: 424/725			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim	n No.		
X US 3,932,603 A (HAAS) 13 January 1976 (13.01.1979), abstract, column 1-3, examples, tables and the claims.			
Purther documents are listed in the continuation of Box C. See patent family annex.			
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